

**Specification**

(Please note page numbers and line numbers are from Specification as amended by Amendment A)

(b) Page 2, line 6, delete "or an electroprecipitator".

(c) Page 2, lines 17-18, delete the sentence describing U.S. Patent 4,530,822 to Ashley et al.

(d) Page 2, delete lines 20-22, the sentence describing the prior art before "Summary of the Invention".

(e) Page 3, line 11, delete "concurrently" from the description of the invention.

(f) Page 5, line 17, change "spray" to "inject" in f).

(g) Page 5, line 21, add "as a function of the amount of sulfur compounds in the flue gas" at the end of the sentence describing the flow control means for the chemical reagent.

(h) Page 5, insert the following paragraphs before "Particulate Trapper"

"Said injection pump means will develop sufficient pressure to ensure proper atomization of the mixture of the chemical reagent and water at the discharge of said injector means.

Chemical reagent and water injection systems are common in the industry and can be designed and manufactured using known engineering principles and manufacturing processes, respectively."

(i) Page 6, line 7, delete "products of the chemical reaction" from d).

(j) Page 6, insert the following paragraphs after line 14

"Said cooling means can be cooling fins for natural draft or forced draft air cooling, a water jacket with a separate radiator, a water jacket connected to an existing radiator, a water jacket cooled by a refrigerant, and direct cooling with a refrigerant.